

New and known thienyl urea or isourea derivs. - used as animal growth promoters

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Abstract (Basic): DE 3529247 A

(A) Thienyl (iso)ureas of formula (Ia) are new n = 3-6; A = N(R4)CONR5R6 or N(R4)C(OR5)=NR6; R'3 = (a) CN, COOR7, CONR8R9 or COR10 when n = 3, 5 or 6, or (b) COOMe, (2-4C alkenyloxy)carbonyl, CONR8R9 or COR10 when n = 4; R4 = H or alkyl; R5 and R6 = H, opt. subst. alkyl, cycloalkyl, alkenyl, opt. subst. aryl or heteroaryl; R7 = H, opt. subst. alkyl, cycloalkyl, alkenyl or opt. subst. aryl; R8 = H, alkyl or cycloalkyl; R9 = H, opt. subst. alkyl or opt. subst. aryl; R10 = opt. subst. alkyl or opt. subst. aryl.

(B) Thienyl isocyanates of formula (II) are also new, except for 3-methoxycarbonyl-2-thienyl isocyanate; R1 and R2 = H, halogen, NO2, CN, alkoxy, alkylthio, haloalkoxy, haloalkylthio, alkoxyalkyl or opt. subst. alkyl, acyl, aroyl, or aryl, or R1+R2 forms an opt. subst. satd. or unsatd. carbocyclic ring opt. with a carbonyl function; R"3 = COOR"7, CONR8R9 or COR10; R"7 = H, opt. subst. methyl, cycloalkyl, 2-4C alkenyl or opt. subst. aryl.

USE - Use of thienyl (iso)ureas of formula (I) is 'animal productivity promoters' (specifically growth promoters) is claimed. R3 = CN, COOR7, CONR8R9 or COR10. (79pp Dwg. No. 0/0)

Abstract (Equivalent): EP 202538 B

Use of thienylureas or -isoureas of the formula (I) in which A represents the radicals (Ia) and (Ib) R1 represents hydrogen, halogen, nitro, CN, alkoxy, alkylthio, halogenoalkoxy, halogenalkylthio, alkoxyalkyl or optionally substituted radicals from the group comprising alkyl, acyl, aroyl, and aryl, R2 represents hydrogen, halogen, nitro, CN, alkoxy, alkylthio, halogenoalkoxy, halogenalkylthio, alkoxyalkyl or optionally substituted radicals from the group comprising acyl, aroyl, alkyl and aryl, or R1 and R2, together with the adjacent C atoms, represent an optionally substituted saturated or unsaturated carbocyclic or heterocyclic ring, which can optionally carry a carbonyl function, R3 represents the radicals CN, COOR7, COONR8R9 or COR10, R4 represents hydrogen or alkyl, R5 represents, optionally substituted alkyl, cycloalkyl, alkenyl, optionally substituted aryl or heteroaryl, R6 represents hydrogen, optionally substituted alkyl, cycloalkyl, alkenyl, or optionally substituted aryl, R8 represents hydrogen, alkyl or cycloalkyl, R9 represents hydrogen, optionally substituted alkyl or optionally substituted aryl and R10

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